

**CPC****COOPERATIVE PATENT CLASSIFICATION****E03C**

**DOMESTIC PLUMBING INSTALLATIONS FOR FRESH WATER OR WASTE WATER** ( not connected to either water-supply main or to waste pipe [A47K](#) ; devices of the kind used in the ground [E03B](#) , F ); **SINKS**

**E03C 1/00**

**Domestic plumbing installations for fresh water or waste water; Sinks** { ( work tops [A47B 77/02B](#) ) }

**E03C 1/01**

- . for combinations of baths, showers, sinks, wash-basins, closets, urinals, or the like { ( combinations of baths, douches, or the like, [A47K 4/00](#); cell-like units for special technical purposes [E04B 1/34869](#); panels adapted for locating conduits [E04C 2/52](#); ducts for installation lines [E04F 17/08](#) ) }

**E03C 1/02**

- . Plumbing installations for fresh water

**E03C 1/021**

- .. { Devices for positioning or connecting of water supply lines ( connection to the tap body [E03C 1/0403](#) ) }

**E03C 1/023**

- ... { with flow distribution, e.g. diverters }

**E03C 1/025**

- .. { Water supply lines as such, e.g. shower hoses }

**E03C 1/04**

- .. Water-basin installations specially adapted to wash-basins or baths ( valves, faucets, mixing valves, taps [F16K](#) )

**E03C 1/0401**

- ... { Fixing a tap to the sanitary appliance or to an associated mounting surface, e.g. a countertop }

**E03C 1/0402**

- .... { with mounting from only one side }

**E03C 1/0403**

- ... { Connecting the supply lines to the tap body }

**E03C 1/0404**

- ... { Constructional or functional features of the spout }

**E03C 1/0405**

- .... { enabling multiple spray patterns }

**E03C 1/0407**

- .... { Spouts for unpressurized outflow of water }

**E03C 1/0408**

- ... { Water installations especially for showers ( [E03C 1/06](#) takes precedence; shower heads [B05B 1/18](#) ) }

**E03C 1/0409**

- .... { Shower handles }

**E03C 1/041**

- ... { having provisions against scalding, e.g. temperature limiting devices, external covers }

**E03C 1/0411**

- ... { Taps specially designed for dispensing boiling water }

**E03C 1/0412**

- ... { Constructional or functional features of the faucet handle ( valve actuating members as such [F16K 31/60](#) ) }

**E03C 1/042**

- ... Arrangements on taps for wash-basins or baths for connecting to the wall

**E03C 1/044**

- ... having a heating or cooling apparatus in the supply line ( water heaters, e.g. with continuous flow, [F24H](#) )

**E03C 1/046**

- ... Adding soap, disinfectant, or the like in the supply line { or at the water outlet } ( preventing contamination of drinking-water pipes [E03C 1/10](#) )

**E03C 1/0465**

- .... { by mounting an independent soap dispenser to outlet of tap }

**E03C 1/048**

- ... supplying water through two or more openings around or along one side of the water-basin

**E03C 1/05**

- .. Arrangements of devices on wash-basins, baths, sinks, or the like for remote control of taps ( remote control of taps or the like per se [F16K](#) )

- E03C 1/052     ...     { Mechanical devices not being part of the tap, e.g. foot pedals }
- E03C 1/055     ...     { Electrical control devices, e.g. with push buttons, control panels or the like }
- E03C 1/057     ....     { touchless, i.e. using sensors }
- E03C 1/06     ..     Devices for suspending or supporting the supply pipe or supply hose of a shower-bath { ( showers per se [A47K 3/28](#) ) }
- E03C 1/063     ...     { with reciprocating mechanisms ( reciprocating mechanisms for massage, other than showers [A61H 2201/1669](#) ) }
- E03C 1/066     ...     { allowing height adjustment of shower head }
- E03C 1/08     ..     Jet regulators { or jet guides }, e.g. anti-splash devices
- E03C 1/084     ...     Jet regulators with aerating means
- E03C 1/086     ...     Jet regulators or jet guides, easily mountable on the outlet of taps
- E03C 1/10     ..     Devices for preventing contamination of drinking-water pipes, e.g. means for aerating self-closing flushing valves ( vacuum-breakers in general [F16K](#) , [F16L](#) )
- E03C 1/102     ...     { using an air gap device }
- E03C 1/104     ...     { using a single check valve }
- E03C 1/106     ...     { using two or more check valves }
- E03C 1/108     ...     { having an aerating valve }
  
- E03C 1/12     .     Plumbing installation for waste water; Basins or fountains connected thereto ( drainage devices in floors [E03F 5/04](#) ); Sinks { ( wash-basins not connected to the waste-pipe [A47K 1/04](#) ) }
- E03C 1/122     ..     Pipe-line systems for waste water in building ( pipe-line systems in general [F17D](#) )
- E03C 1/1222     ...     { Arrangements of devices in domestic waste water pipe-line systems }
- E03C 1/1225     ....     { of air admittance valves ( structural details of air admittance valves [F16K 24/06](#) ) }
- E03C 1/1227     ....     { of pumps for facilitating drawing off }
- E03C 1/126     ..     Installations for disinfecting or deodorising waste-water plumbing installations
- E03C 1/14     ..     Wash-basins connected to the waste-pipe
- E03C 1/16     ..     Wash-fountains connected to the waste-pipe
- E03C 1/18     ..     Sinks, whether or not connected to the waste-pipe
- E03C 1/181     ...     Anti-splash devices in sinks ( jet regulators [E03C 1/08](#) )
- E03C 1/182     ...     connected to the waste-pipe
- E03C 1/184     ....     adapted for attachment of washing machines or heating or cooling devices ( washing machines for attachment [D06F 7/00](#) )
- E03C 1/186     ...     Separate partition walls, lids, protecting borders, or the like, for sinks
- E03C 1/20     ..     Connecting baths or bidets to the wastepipe
- E03C 1/22     ..     Outlet devices mounted in basins, baths, or sinks ( stoppers [A47K 1/14](#) )
- E03C 1/23     ...     with mechanical closure mechanisms
- E03C 1/2302     ....     { the actuation force being transmitted to the plug via rigid elements }
- E03C 1/2304     ....     { the actuation force being transmitted to the plug via flexible elements, e.g. chain, Bowden cable }
- E03C 1/2306     ....     { the plug being operated by hand contact }
- E03C 1/2308     ....     { actuated by rotating the wash-basin }
- E03C 1/232     ....     combined with overflow devices ( overflow devices for basins or baths per se [E03C 1/24](#) )

- E03C 1/24           ..    Overflow devices for basins or baths ( [E03C 1/232 takes precedence](#) )
- E03C 1/242       ...    automatically actuating supply or draining valves
- E03C 1/244       ...    Separate devices to be placed on the outlet opening
- E03C 1/26       ..    Object-catching inserts or similar devices for waste pipes or outlets ( [E03C 1/28 takes precedence](#) )
- E03C 1/262       ...    combined with outlet stoppers
- E03C 1/264       ...    Separate sieves or similar object-catching inserts
- E03C 1/266       ...    Arrangement of disintegrating apparatus in waste pipes or outlets;  
Disintegrating apparatus specially adapted for installation in waste pipes or outlets
- E03C 1/2665      ....    { [Disintegrating apparatus specially adapted for installation in waste pipes or outlets \( disintegrating apparatus per se B02C \)](#) }
- E03C 1/28       ..    Odour seals
- E03C 1/281       ...    { [using other sealants than water](#) }
- E03C 1/282       ...    combined with additional object-catching devices
- E03C 1/284       ...    having U-shaped trap
- E03C 1/286       ....    having hand-operated valves against return of waste water
- E03C 1/288       ....    having non-return valves against return of waste water ( [E03C 1/286 takes precedence](#) )
- E03C 1/29       ...    having housing containing dividing wall, e.g. tubular
- E03C 1/292       ....    having elastic housing
- E03C 1/294       ...    with provisions against loss of water lock
- E03C 1/295       ....    using air-supply valves
- E03C 1/296       ....    using water-supply valves
- E03C 1/298       ...    consisting only of non-return valve
- E03C 1/30       ..    Devices to facilitate removing of obstructions in waste-pipes or sinks { [for use in sewer pipes or both in waste and sewer pipes E03F 9/00](#) }
- E03C 1/302       ...    using devices moved through the pipes { [and simultaneously rotated by means of a cable or rods E03F 9/005](#) }
- E03C 1/304       ...    using fluid under pressure
- E03C 1/306       ....    by means of a tube connected to the water mains
- E03C 1/308       ....    by means of a pumping device
- E03C 1/32       ..    Holders or supports for basins
- E03C 1/322       ...    connected to the wall only
- E03C 1/324       ....    adjustable
- E03C 1/326       ...    resting on the floor
- E03C 1/328       ....    adjustable
- E03C 1/33       ...    Fastening sinks or basins in an apertured support
- E03C 1/335       ....    { [the fastening means comprising a screw](#) }
  
- E03C 2001/00     **Domestic plumbing installations for fresh water or waste water; Sinks { ( [work tops A47B 77/02B](#) ) }**
  
- E03C 2001/005   .    Installations allowing recovery of heat from waste water for warming up fresh water
  
- E03C 2001/02   .    Plumbing installations for fresh water

- E03C 2001/026 . . with flow restricting devices
- E03C 2001/028 . . Alignment aids for plumbing installations
- E03C 2001/04 . . Water-basin installations specially adapted to wash-basins or baths ( [valves, faucets, mixing valves, taps F16K](#) )
- E03C 2001/0414 . . . allowing different orientations of the spout or the outlet nozzle
- E03C 2001/0415 . . . having an extendable water outlet
- E03C 2001/0416 . . . using a socket for mounting of faucet
- E03C 2001/0417 . . . having space-saving features, e.g. retractable, demountable
- E03C 2001/0418 . . . having temperature indicating means
- E03C 2001/08 . . Jet regulators { [or jet guides](#) }, e.g. anti-splash devices
- E03C 2001/082 . . . Outlets connected by an universal joint
  
- E03C 2001/12 . Plumbing installation for waste water; Basins or fountains connected thereto ( [drainage devices in floors E03F 5/04](#) ); Sinks { ( [wash-basins not connected to the waste-pipe A47K 1/04](#) ) }
- E03C 2001/1206 . . Pipes with specific features for influencing flow characteristics
- E03C 2001/1213 . . Constructional features of bidet bowls; adapters for using other sanitary appliances as bidet
- E03C 2001/22 . . Outlet devices mounted in basins, baths, or sinks ( [stoppers A47K 1/14](#) )
- E03C 2001/23 . . . with mechanical closure mechanisms
- E03C 2001/2311 . . . . the actuation force being magnetic or electromagnetic
- E03C 2001/2313 . . . . the actuation force being pneumatic or hydraulic
- E03C 2001/2315 . . . . the actuation force created by a turning movement of a handle
- E03C 2001/2317 . . . . transmission of actuation force involves a spring
- E03C 2001/24 . . Overflow devices for basins or baths ( [E03C 1/232 takes precedence](#) )
- E03C 2001/2406 . . . Overflow alarm devices
- E03C 2001/2413 . . . Covers for temporarily closing off overflow outlets
- E03C 2001/32 . . Holders or supports for basins
- E03C 2001/321 . . . Siphon or angle valve covers
  
- E03C 2201/00 Details, devices or methods not otherwise provided for**
  
- E03C 2201/30 . Diverter valves in faucets or taps
- E03C 2201/40 . Arrangement of water treatment devices in domestic plumbing installations
- E03C 2201/45 . . for carbonated water
  
- E03C 2201/50 . Constructional features of escutcheons for domestic plumbing installations
  
- E03C 2201/60 . Reducing noise in plumbing systems
  
- E03C 2201/70 . Reducing or removing limescale at spout outlet
  
- E03C 2201/80 . Combined water inlet and outlet devices
  
- E03C 2201/90 . Basins movable between several positions